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(54) **RF CONNECTOR WITH V-GROOVED EMI SEALING INTERFACE**

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(57) **ABSTRACT**

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An electrical connector (10) has a body, a center conductor (55), and an insulator (75). The body has a receptacle end (30), a board end (25) having a rear plane (85) and a plurality of fastener holes for a plurality of fasteners (50), a void extending from the receptacle end to the board end, and a grounding feature (70) substantially surrounding the void at the board end, the grounding feature extending beyond the rear plane and being approximately in the shape of a “V” having a base which points away from the rear plane. The center conductor is in the void and extends from the receptacle end to beyond the rear plane of the board end. The insulator is in the void and substantially surrounds the center conductor in the void.

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CPC **H01R 13/658** (2013.01); **H01R 24/50**
(2013.01); **H01R 2103/00** (2013.01)

(58) **Field of Classification Search**
None
See application file for complete search history.

16 Claims, 4 Drawing Sheets

